

Selected Publications

Song, G., Schmidt, S.P., and Agrawal, B., "Active Vibration Suppression of a Flexible Structure Using Smart Material and a Modular Control Patch," {I} Proceedings of Institution of Mechanical Engineers {I}, Vol. 214, Part G, 2000, pp. 217-229.

Song, G., Kelly, B., and Agrawal, B., "Active Position Control of a Shape Memory Alloy Wire Actuated Composite Beam," {I} Journal of Smart Materials and Structures {I}, Vol. 9, 2000, pp. 711-716.

Agrawal, B. N. and Bang, H., {I} "Adaptive Structures for Large Precision Antenna {I}, ACTA Astronautics, Vol. 38, No. 3, pp. 175-183, 1996.

Agrawal, B.N. and Bang, H., {I} Robust Closed-loop Control Design for Spacecraft Slew Maneuver Using Thrusters {I}, Journal of Guidance, Control, and Dynamics, Vol. 18, No. 6, pp. 1336-1344, 1995.

Agrawal, B. N., {I} Spacecraft Vibration Suppression Using Smart Structures {I}, Proceedings of Fourth International Congress on Sound and Vibration, pp. 563-570, June 24-27, 1996.

Meyer, J. L., Harrington, W. B., Agrawal, B. N., and Song, G., {I} Application of Piezoceramic to Vibration Suppression of a Spacecraft Flexible Appendage, {I} AIAA 96-3761, AIAA Guidance Navigation and Control Conference, San Diego, CA, July 29-31, 1996.

Agrawal, B. N., Elshafei, M. A., and Song, G., {I} Adaptive Antenna Shape Control Using Piezoelectric Actuators {I}, IAF 96-I.4.02, 47th International Astronautical Congress, Beijing, China, October 7-11, 1996.